

Part 1 -- Amendment to the Specification

1. Replace the paragraph on page 2, lines 7-12, with the following paragraph:

An object of the invention is to provide a method for the manufacture of corrugated material of a plurality of material sheets, which are brought over core bars and heated and joined together in an effective way. An additional object is to provide a device for the manufacture of corrugated material of at least one first sheet and one second sheet. ~~These objects are attained by the invention having received the features mentioned in claim 1 and claim 6, respectively.~~

2. Replace the paragraph on page 3, line 22 through page 4, line 2, with the following paragraph:

Fig. 1 shows in ~~principal~~ principle how a manufacturing line, which operates according to the invention, may be made. A first part A, which is shown with dash and dot lines, comprises a first roll 10, a second roll 11 and a third roll 12, all ~~winded~~ wound up with a suitable sheet material, as well as conventional sheet stretching members 13. The different sheet materials are brought together in a second part B and form different layers of the finished corrugated material. It should be observed that material thickness, mutual distance between different components and other geometrical relations in fig. 1 as well as subsequent figures are not true to scale. A plurality of dimensions and distances have been changed in relation to real conditions in order to show features of the invention more clearly.

3. Replace the paragraph on page 4, lines 13-22, with the following paragraph:

The sheet or sheets 16 that are to be corrugated or formed in wave shape are preferably wider and rolled on wider rolls than other sheets, so that the finished corrugated material comprises equally wide layers. If the sheet 16 is narrower, it will be stretched during the corrugation. Before this sheet 16 is brought together with other sheets, it is suitably corrugated in a corrugation device. In the embodiment shown, the corrugation device comprises an upper plate 14 and a lower plate 15, which is

described closer reference being made to ~~[[figs.]]~~ fig. 6 and fig. 7. An alternative embodiment of a corrugation device comprises two cylinders. In such an embodiment, it may be suitable ~~with pre-heating of~~ to pre-heat the sheet 16 before the corrugation and then ~~cooling of~~ cool the sheet 16 afterwards.

4. Insert a new paragraph on page 4 between lines 23 and 24, as follows:

The wave shape created by the corrugation device has conventional peaks separated by valleys. As discussed in conjunction with figs. 6 and 7, the peaks are formed by the ridges and the valleys are formed by the recesses of the plates 14 and 15 of the corrugation device.

5. Replace the paragraph on page 7, lines 24-28, with the following paragraph:

Fig. 4 shows a simplified embodiment with only two material sheets. A lower sheet 20 is ~~plane~~ planar and a sheet 16 is corrugated in the same way as has been described above. In fig. 5, an alternative embodiment is shown with a first corrugated sheet 16 and a second corrugated sheet 16'. In other respects, the embodiments according to fig. 4 and fig. 5 equal the embodiments described above.

6. Replace the paragraph on page 8, lines 8-16, with the following paragraph:

The embodiment of the device for corrugation is seen more clearly in fig. 7. The v-shaped recesses and ridges, respectively, are clearly shown in the figure. The shape of the recesses and of the ridges, respectively, is adapted to the shape of the core bars, so that the sheet is corrugated in the desired way, before it reaches the core bars. By virtue of the V-shape of the sheets 14 and 15, the sheet 16 will start to corrugate in a central portion. The sheet 16 is then corrugated ~~outwards-towards~~ outward toward the sides from the central portion as the ~~sheet~~ sheet is fed ~~forwards~~ forward. Thereby, too large a load on the sheet material during the corrugation process is avoided.